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FIG. 1

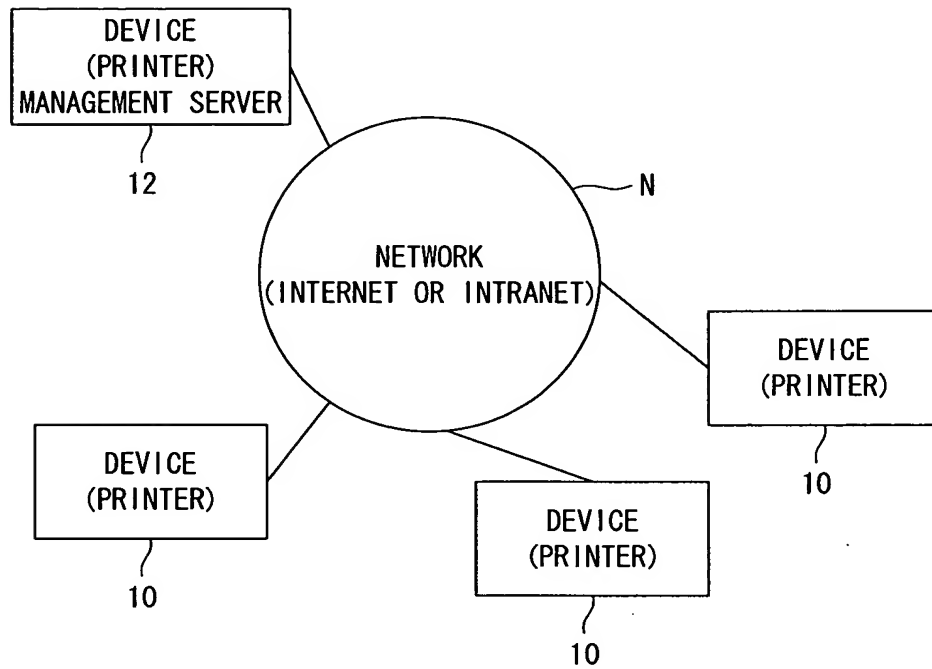
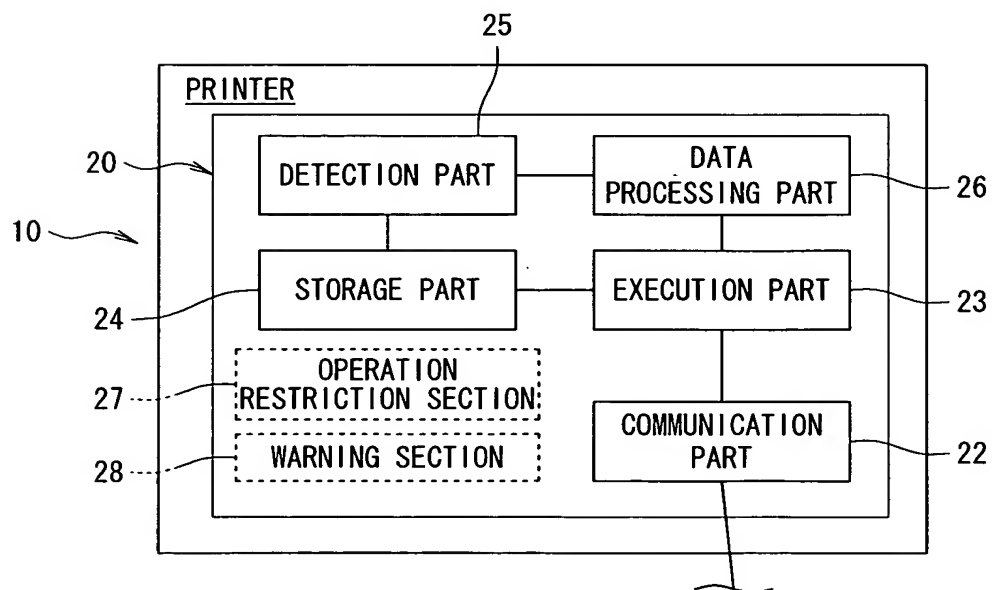


FIG. 2



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FIG. 3

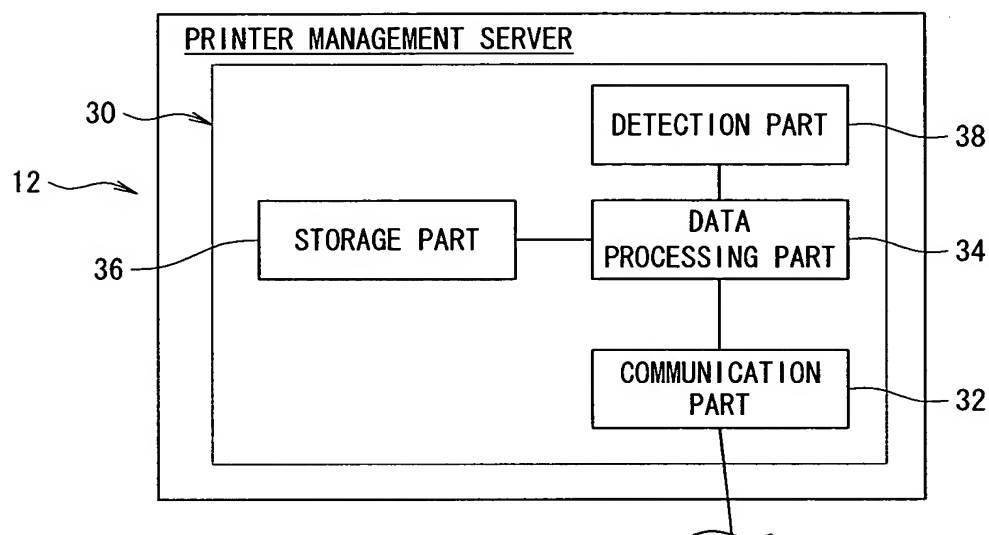
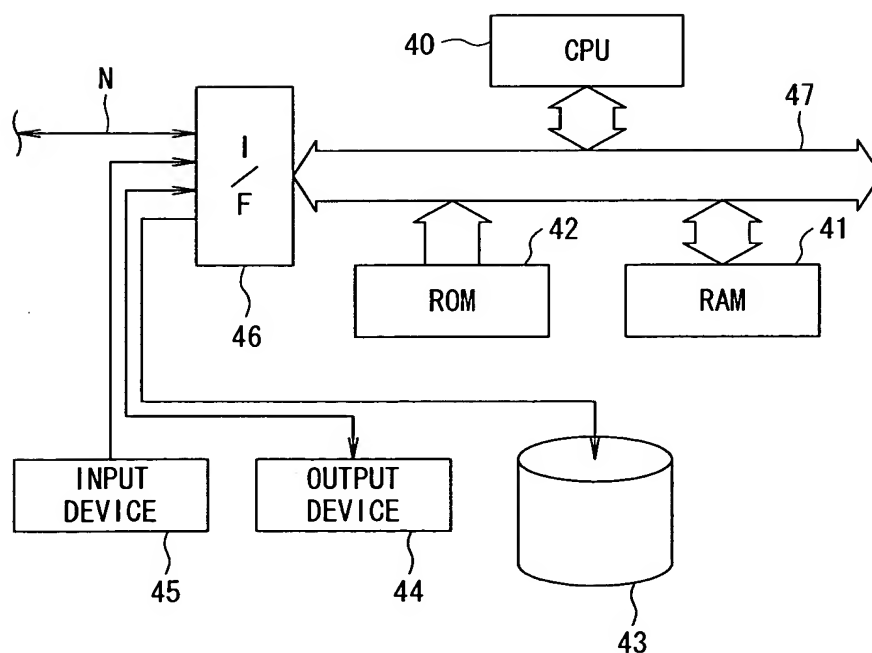


FIG. 4



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FIG. 5

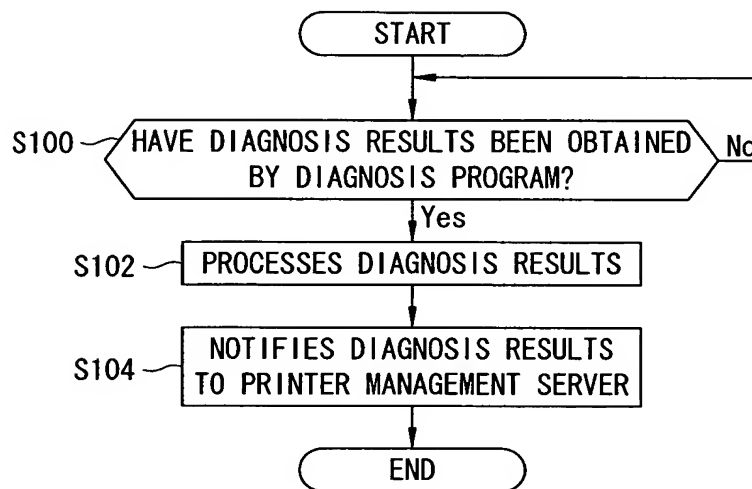
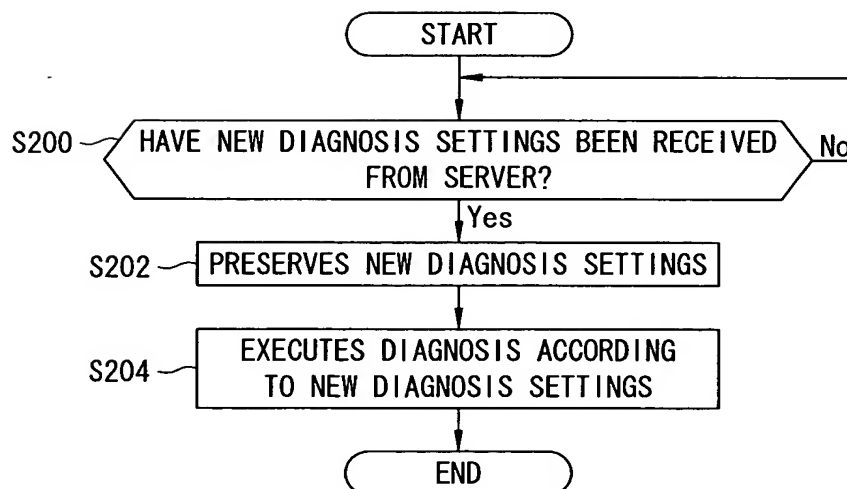
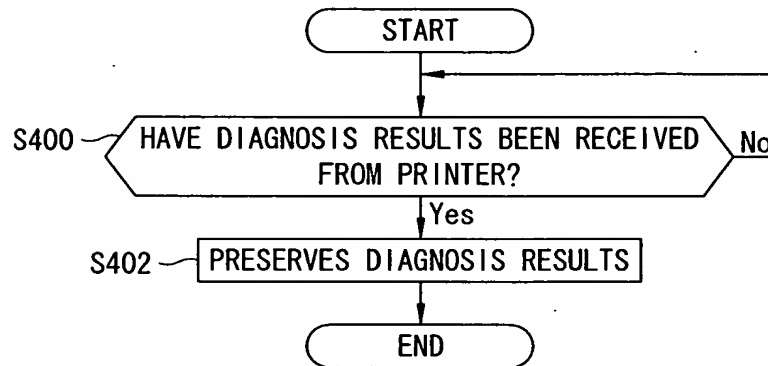


FIG. 6



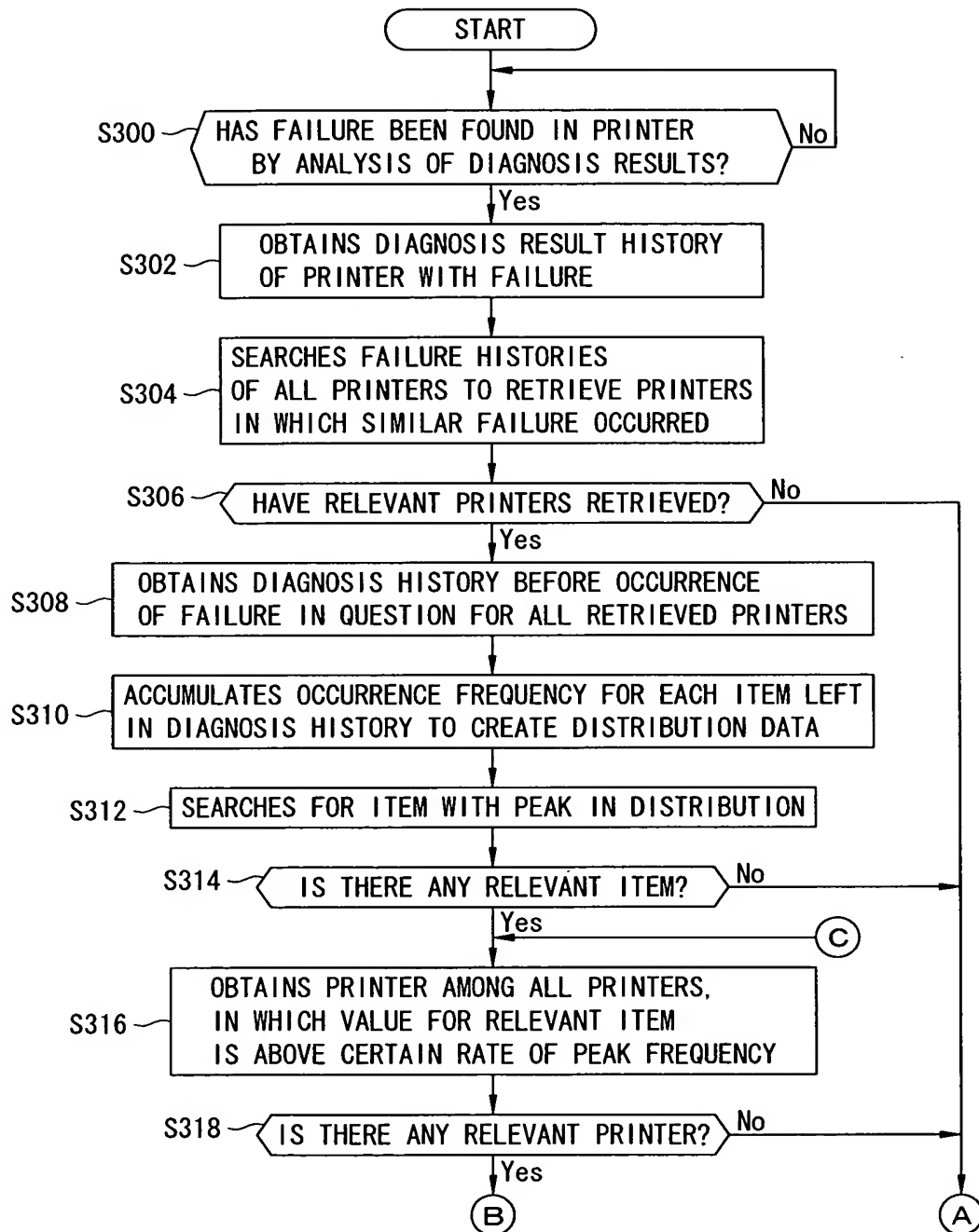
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FIG. 7



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FIG. 8



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FIG. 9

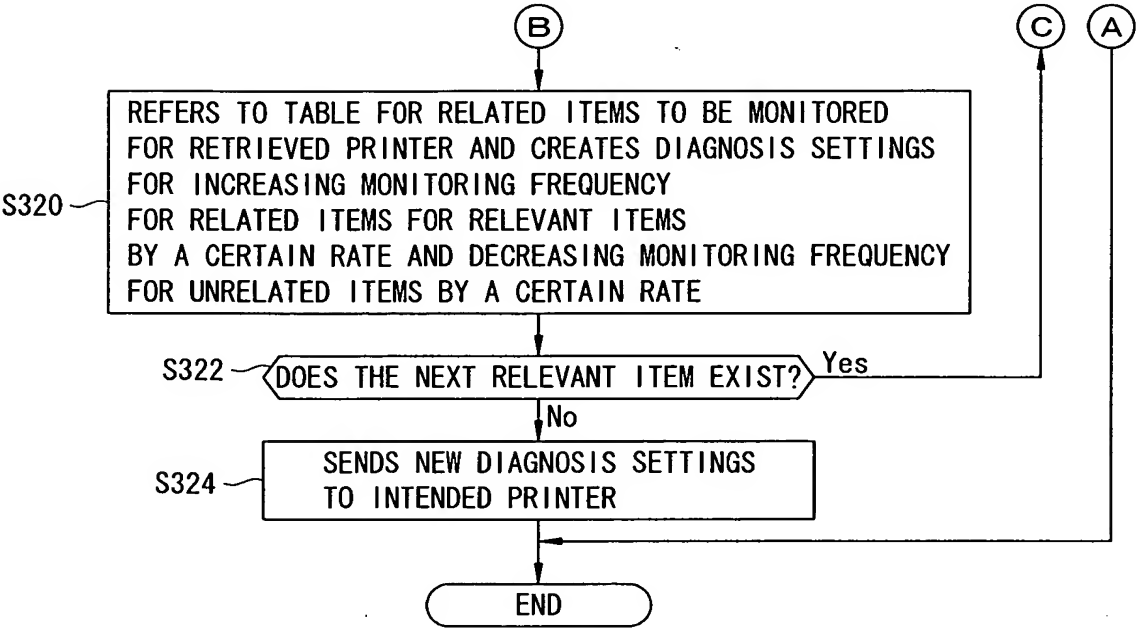


FIG. 10

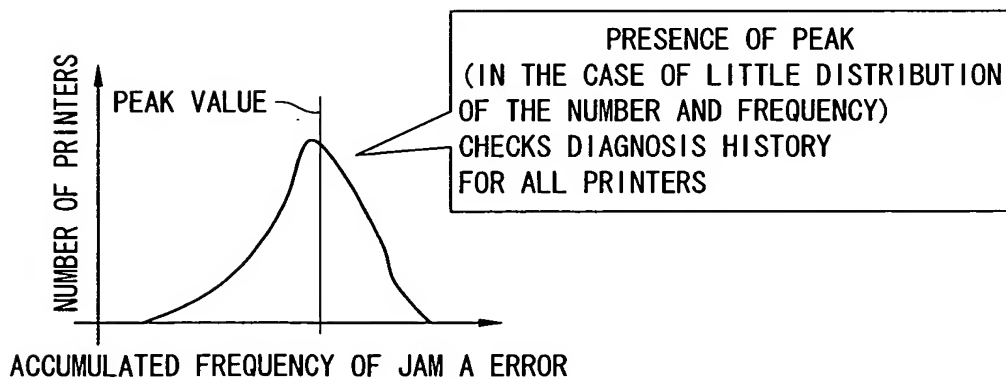
	POSITION TO BE DIAGNOSED	RELATED EVENT	VALUE
100	FEEDING CONDITION	NO PAPER	ACCUMULATED FREQUENCY
101	JAM A	COVER A OPEN	ACCUMULATED FREQUENCY
102	JAM B	COVER B OPEN	ACCUMULATED FREQUENCY
103	FEEDER	FEEDER OPEN	ACCUMULATED FREQUENCY
104	DISCHARGER	DISCHARGER OPEN	ACCUMULATED FREQUENCY
105	FEEDING MOTOR	MOTOR TEMPERATURE	NUMBER OF TIMES THRESHOLD TEMPERATURE 100°C WAS EXCEEDED

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*FIG. 11*

TIME	DESCRIPTION
11/09/2002 09:10	JAM A ERROR
11/09/2002 10:10	JAM A ERROR
11/09/2002 12:10	COVER A OPEN
11/09/2002 20:00	OFF-LINE
11/10/2002 10:10	FEEDER ERROR
11/10/2002 12:30	FEEDING MOTOR TEMPERATURE 60°C
11/10/2002 12:45	FEEDING MOTOR TEMPERATURE 110°C

*FIG. 12*



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FIG. 13

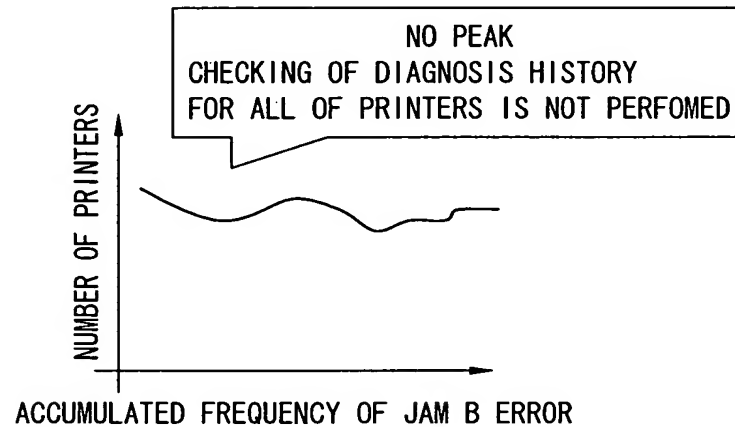
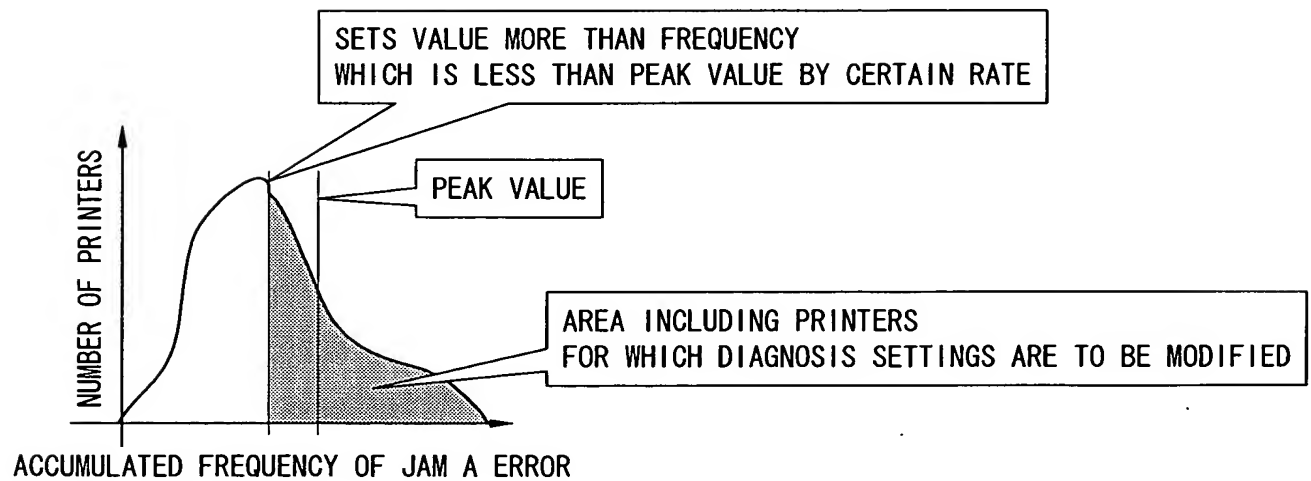


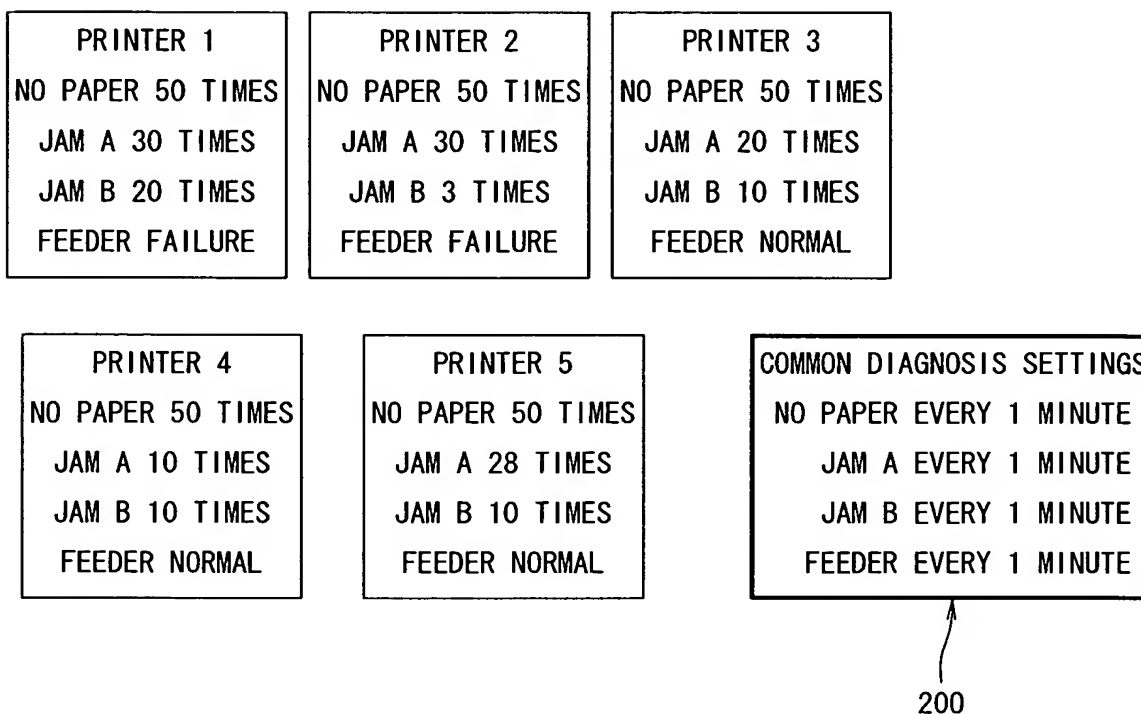
FIG. 14





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*FIG. 15*



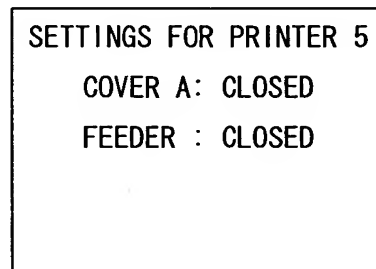
*FIG. 16*

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COMMON DIAGNOSIS SETTING	TIME INTERVAL
NO PAPER	EVERY 5 MINUTES
JAM A	EVERY 30 SECONDS
JAM B	EVERY 5 MINUTES
FEEDER	EVERY 30 SECONDS
FEEDING MOTOR	EVERY 1 MINUTE

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*FIG. 17*



*FIG. 18*

